



EG&G ROCKY FLATS, INC.

ROCKY FLATS PLANT, P.O. BOX 464, GOLDEN, COLORADO 80402-0464 • (303) 966-7000

RF 1820

April 30, 1990

90-RF-1820

Robert M. Nelson, Jr.
Manager
DOE, RFO

Attn.: J. Roeder.

OU2: INTERIM REMEDIAL ACTION (IRA) FOR SURFACE WATER SOURCES

Enclosed is the proposed schedule for subject IRA. A key element of the program is the early deployment of a full-size treatment unit which would begin service in late 1990 as a field treatability test facility. After six (6) months of performance testing and process adjustments, a treatability test report would be prepared, documenting plant performance. This report will be submitted to EPA and CDH for their review. If the treatment plant is acceptable, DOE could request that the agencies accept the facilities as the actual IRA, not merely the treatability test equipment.

This first phase of work will be done before completion of the NEPA process. Formal designs will not be complete for these facilities. They will be constructed from performance specifications and include selected treatment units defined by bench scale tests. The system required to collect the surface water sources for the field treatability tests will be temporary. The treatment system will be skid mounted.

Construction activities involving significant excavation of soils and sediments (and consequently having increased likelihood of environmental effects) will be deferred until after completion of the NEPA process by DOE.

The IRAP/EA/NEPA portions of this IRA are dominated by activities which are not controllable by EG&G. The most vulnerable areas are two reviews to be conducted by DOE-HQ:

- Review of the EA documents (3 July - 31 July '90) and
- Completion of the NEPA process (27 November - 24 December '90).

These reviews are allocated only 20 business days for completion. All parties recognize that execution of these activities on such a short turnaround is without precedent and will require a very high level of commitment from DOE in order to hold to this schedule.

Due to the tightness of the schedule, it is assumed that DOE-RFO and EG&G will perform concurrent reviews of work products.

LIST.	LR	ENCL
F.H.		
H.		
J.C.		
AME, A.H.		
D.		
D.W.		
B.		
G.E.		
N.R.		
J.		
E.H.		
M.	X	X
A.		
J.R.		
Y.K.B.	X	Y
J.B.		
R.F.		
G.L.		
J.L.		
V.L.		
T.H.		
V.W.M.		
EN, D.B.		
B.P.		
B.		
D.H.		
G.J.		
L.K.		
J.L.		
N.R.B.		
N.R.L.		
J.M.		
BERG, G.E.		
E.R.		
R.L.		
L.H.L.		
UEZ, R.N.		
J.P. SON	X	X
CANBACW	X	X
ICK	X	X
ES. CONTROL	X	X
FACT ADMIN.		

CLASSIFICATION:	
IFIED	X
NTIAL	

AUTHORIZED CLASSIFIER
SIGNATURE
7/2/90

TO LTR NO.

APPROVALS:

TYPYST INITIALS

ADMIN RECORD

REVIEWED FOR CLASSIFICATION/UCNI

By

Date

A-OU02-000217

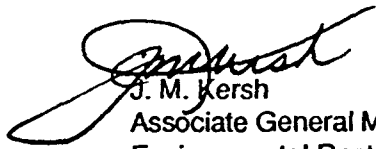
R. M. Nelson, Jr.
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In order to construct in early 1991, the schedule on Sheet 3/3 shows that Title II design will be completed before completion of the NEPA process. This is not in compliance with DOE's normal interpretation of NEPA requirements, but has been discussed with DOE-RFO staff as the only way to complete construction by mid 1991 (which is a time frame which previous discussions have shown to be acceptable to EPA and CDH).

Other key assumptions include:

- Compliance points, and treatment performance standards will be finalized in discussions with EPA and CDH by 25 May 90.
- Compliance with treatment standards would be waived during the proposed 6-month field treatability test period.
- NEPA documents not needed for field treatability tests, as they do not involve significant disturbance of contaminants in soils or sediments.

If you have any questions, please contact Tom Greengard at Extension 7121.



J. M. Kersh
Associate General Manager
Environmental Restoration/Waste Management

GMA:sf

Orig. and 1 cc - R. M. Nelson, Jr.

Attachment:
As Stated

ACTIVITY ID	REM DUR	EARLY START	EARLY FINISH	19891990199119921993											
				JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
H02IRA00	1794	16APR90A	1JUL97	OU 2 - 903 Pad, Mound and East Trenches OU 2 Interim Remedial Action Surface Water OU 2 Interim Remedial Action (IRA) - Surface Wtr											
H0200014	173	16APR90A	24DEC90	OU 2 IRA Plan/EA (Surface Water) OU 2 IRA Plan/EA - Surface Water											
H02IRA01	27	16APR90A	25MAY90	Prepare Draft Proposed IRAP/EA											
H02IRA08	25	29MAY90	2JUL90	RFP Review Draft Proposed IRAP/EA											
H02IRA01	0		2JUL90	Submit Draft Proposed IRAP/EA Decision Document											
H02IRA02	20	3JUL90	31JUL90	OU 2 IRAP/EA CDH/EPA Review											
H02IRA07	20	3JUL90	31JUL90	OU 2 IRAP/EA DOE NEPA Review											
H02IRA06	20	1AUG90	28AUG90	Resolve Comments & Finalize Draft IRAP/EA											
H02IRA05	0		28AUG90	Submit Proposed IRAP/EA Decision Document											
H02IRA03	43	29AUG90	29OCT90	IRAP/EA Public Review & Comments											
H02IRA04	18	30OCT90	26NOV90	IRAP/EA Responsiveness Summary											
H02IRA04	0		26NOV90	Submit Final IRAP/EA Decision Document											
H02IRA05	20	27NOV90	24DEC90	DOE Completion of NEPA Process											
H0200015	372	29MAY90	19NOV91	OU 2 IRA Treatability Tests - Initial Sources											
H02IRA21	48	29MAY90	3AUG90	OU 2 IRA Treatability Tests - Initial Sources											
H02IRA11	23	3JUL90	3AUG90	Perform Treatability Studies (Bench Scale)											
H02IRA12	20	6AUG90	31AUG90	Specify Field Treatability & Collection Systems											
				Negotiate With Design/Build/Operate Contractor											
				PROPOSED SCHEDULE											
				OU 2 IRAP/EA											
				Project Start: 10CT88 Project Finish: 1JUL97 Data Set: 19APR90 Plot Date: 25APR90											
				Sheet 1 of 3											
				DU 2 IRAP/EA											

Activity Bar/Early Dates
Critical Activity
Progress Bar

Months/Level

Level 1 Network

Level 2 Network

Level 3 Network

Prinavera Systems, Inc. 1984-1989

ACTIVITY ID	REM DUR	EARLY START	EARLY FINISH	PROPOSED SCHEDULE											
				OU 2 IRAP/EA											
M02IRA13	0	4SEP90	31AUG90	OU 2 - 903 Pad, Mound and East Trenches											
M02IRA14	19	4SEP90	28SEP90	OU 2 IRA Treatability Tests - Initial Sources											
M02IRA15	19	4SEP90	28SEP90	Notice to Proceed											
M02IRA17	49	4SEP90	9NOV90	Define Config. of Collectn. Sys. & Site Facility											
M02IRA16	10	10CT90	120CT90	Establish QAP, HSP, Etc.											
M02IRA18	43	150CT90	14DEC90	Procure Treatment Equipment											
M02IRA19	5	17DEC90	21DEC90	Procure Mtls for Collection System & Mobilize											
M02IRA20	34	17DEC90	8FEB91	IRA - Collection/Treatment System Construction											
M02IRA20	0		21DEC90	Final Construction Review & System check-Out											
M02IRA22	122	24DEC90	21JUN91	Treatment Facility Config. Assessment (Inc. Rev)											
M02IRA23	21	24JUN91	23JUL91	Field Treatability Test System Operable											
M02IRA29	1500	24JUN91	1JUL97	Field Treatability Test Program											
M02IRA24	21	24JUL91	21AUG91	Prepare Draft Treatability Test Report											
M02IRA25	21	22AUG91	20SEP91	Ongoing Operation of IRA Facility											
M02IRA25	0		20SEP91	RFP Review Draft Treatability Test Report											
M02IRA26	21	23SEP91	21OCT91	Resolve Comments/Finalize Draft Treat. Draft Rpt											
M02IRA27	21	22OCT91	19NOV91	Submit Draft Treatability Test Report											
M02IRA28	0	20NOV91	19NOV91	Resolve EPA/COH Review Draft Treatability Test Report											
				Resolve Comments & Finalize Treatment Test Rept.											
				Submit Treatability Test Program Final Rept											

Activity Bar/Early Dates

Critical Activity

Progress Bar

Horizontal/Level

Level 1: Normal

Level 2: Normal

Level 3: Normal

Level 4: Normal

Project Start: 10/1/88

Project Finish: 10/1/97

Date: 10/1/90

Print Date: 10/1/90

OU 2 IRAP/EA

Sheet 2 of 3

Prinavera Systems, Inc. 1988-1989

ACTIVITY ID	REM DUR	EARLY START	EARLY FINISH	PROPOSED SCHEDULE											
				OU 2 IRAP/EA											
H0200016	291	23APR90	20JUN91	OU 2 - 903 Pad, Mound and East Trenches											
W02IRA51	29	23APR90	1JUN90	OU 2 Collection & Transport: Design & Constructn											
W02IRA52	29	4JUN90	13JUL90	Collection & Transport : Design & Construction											
W02IRA53	20	16JUL90	10AUG90	Design BOA Procurement											
W02IRA54	15	13AUG90	31AUG90	Title I Design											
W02IRA55	19	4SEP90	28SEP90	Title I Design Review											
W02IRA56	10	10CT90	120CT90	Title II Design											
W02IRA57	20	150CT90	9NOV90	Title II Design Review											
W02IRA58	18	12NOV90	7DEC90	Design Finalization											
W02IRA59	0		7DEC90	Advertise For Bidders											
W02IRA60	11	10DEC90	24DEC90	Bid Review and Award											
W02IRA61	0		24DEC90	Notice of Contract Award											
W02IRA62	38	2JAN91	22FEB91	Develop HSSP, QAP Other Documentation											
W02IRA63	10	2JAN91	15JAN91	Notice To Proceed (After NEPA Complete)											
W02IRA64	69	16JAN91	23APR91	Procure Long-Lead Items											
W02IRA65	10	24APR91	7MAY91	Contractor Mobilization											
W02IRA66	0		7MAY91	Construction											
W02IRA67	31	8MAY91	20JUN91	Final Construction Review, System Check Out											
				Collection & Transport System Operational											
				Field Treatability Tests											

Activity bar/Early Date

Critical Activity

Program bar

Normal/Level

Low Level

High Level

Low Level

High Level

Project Start : 2/2/90

Project Finish : 5/5/91

Date Recd : 2/2/90

Print Date : 2/2/90

OU 2 IRAP/EA

Sheet 3 of 3

Polysystems Systems, Inc. 1984-1989